

Product datasheet for RN216203

Hoxb5 (NM_001191925) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hoxb5 (NM_001191925) Rat Untagged Clone
Tag: Tag Free
Symbol: Hoxb5
Synonyms: RGD1562292
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216203 representing NM_001191925
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCTCGTACTTTGTAAACTCCTTCTCGGGCGTTATCCAAATGGCCCGACTATCAGTTGCTAAATT
 ATGGCAGTGGCAGCTCTCTGAGCGGCTTTACAGGGATCCCGCTGCCATGCACACCGGCTTTACGGCTA
 CAATTACAATGGGATGGATCTCAGCGTCAACCGCTCCTCGGCCTCATCCAGCCACTTTGGGGCGGTGGGC
 GAGAGCTCGCGCGCCTTCCCCGCGTCCGCCAGGAGCCCCGCTTACAGGCAGGCGACATCCAGCTGCCTCC
 TGTCTCGCCCGAGTCACTGCCCTGCACTAACGGCGACAGCCACGGCGCCAAGCCCTCTGCTTCGTCCTCC
 TTCCGACCCAGGCGACCCAGCCAGCTCCAGCGCAATTTACCGAAATAGACGAGGCCAGCGCGTCTCT
 GAGCCTGAGGAAGCTGCGAGCCAGCTAAGCAGCCCGAGCCTGGCTCGGGCACAGCCAGAGCCCATGGCCA
 CCTCTACAGCCGCGCCGAGGGGCGAGCTCCACAGATATCCCTGGATGAGGAAGCTTCACATCAGCCA
 CGATATGACTGGGCCAGACGAAAAAGGGCCCGGACCGCCTATACTCGTACCAGACCCTGGAGCTGGAG
 AAGGAATCCACTTCAATCGCTACCTGACCCGGCGGCGACGGATCGAGATCGCCACGCGCTTTGCCTGT
 CCGAGCGTCAGATCAAGATCTGGTTCAGAACCCTCGCATGAAGTGGAAGAAAGACAACAACTGAAAAG
 TATGAGTTTGGCTACAGCCGGCAGCGCCTTCCAACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001191925
Insert Size: 810 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001191925.1, NP_001178854.1</u>
RefSeq Size:	1534 bp
RefSeq ORF:	810 bp
Locus ID:	497987
Cytogenetics:	10q26